

Northwest Africa 4932

Anorthositic impact melt breccia

93 g



Figure 1: NWA 4932 with 1 cm cube for scale (photo courtesy of G. Hupe).

Introduction, petrography, mineralogy and chemistry

Northwest Africa 4932 was found in 2007, and is compositionally and texturally similar to SaU 300 (Fig. 1 and 2; Korotev et al., 2008). Little more is known about this sample and its detailed mineralogy, and geochemistry await further study. NWA 4932 and SaU 300 are recognized to have low Sm/Sc ratios like a mafic anorthosite (Korotev et al., 2008).

Radiogenic age dating

None yet reported.

Cosmogenic isotopes and exposure ages

None yet reported.



Figure 2: Sawn face of NWA 4932 with 1 cm cube (courtesy G. Hupe).